

CENTRAL VALLEY WATER BOARD PUBLIC WORKSHOP

PRIORITIZATION PROCESS FOR PROJECTS DURING THE TRIENNIAL REVIEW OF THE CENTRAL VALLEY'S WATER QUALITY CONTROL PLANS



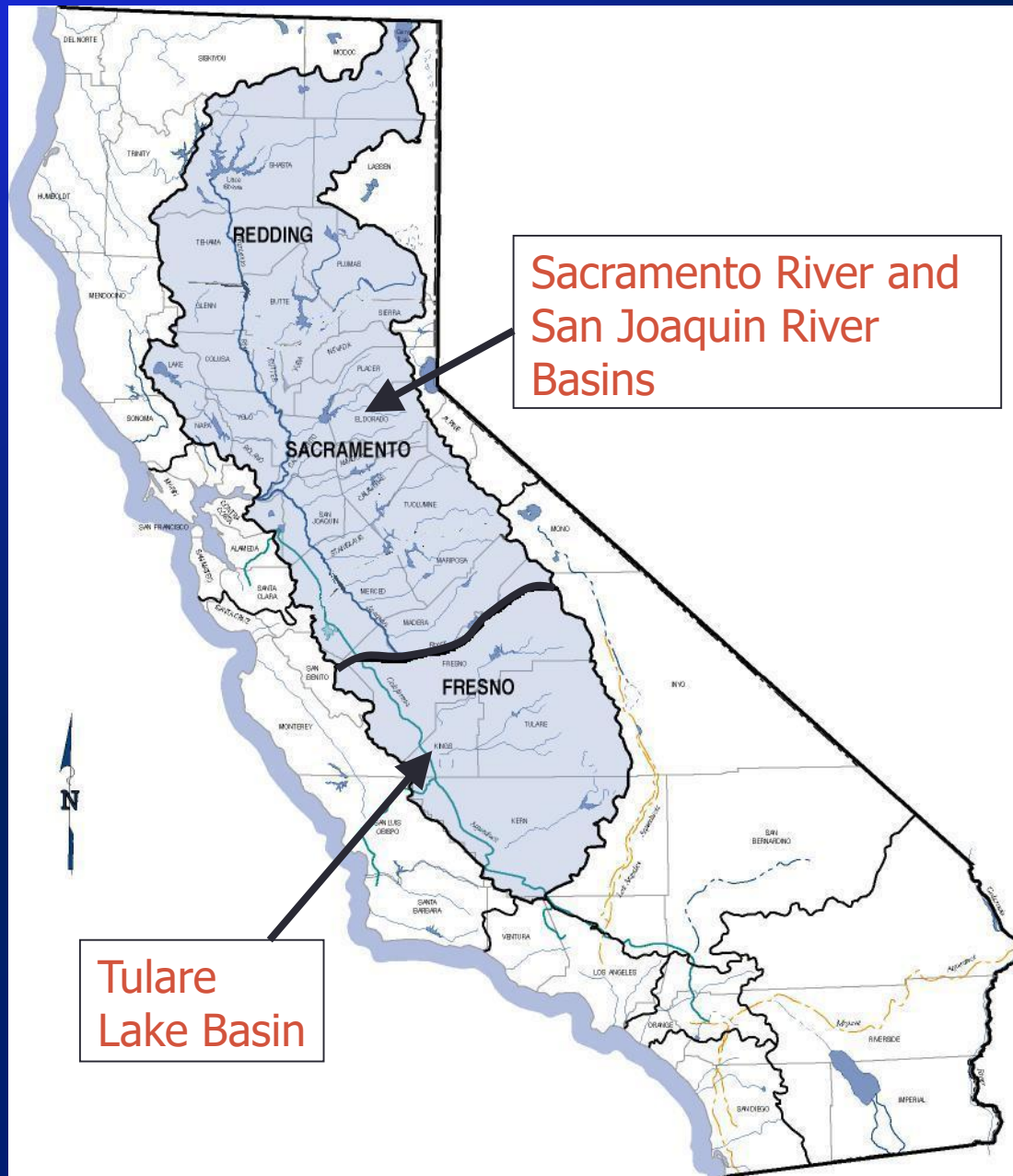
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OUTLINE FOR PRESENTATION

- Background on Basin Plans
- Triennial Review Process
 - 2017 Request for Input
 - Today's Workshop on Prioritization Factors
 - Next Steps

BASIN PLANS

- Designate beneficial uses for both surface and groundwater
- Establish water quality objectives to protect beneficial uses
- Establish Implementation Plans that describe the actions necessary to achieve water quality objectives
- Describe surveillance and monitoring activities to determine regulatory compliance



TRIENNIAL REVIEW

- Federal law requires a review of the Basin Plans every three years
- Public provides input on water quality issues that may need to be addressed through amendments
- Workplan is prepared with a priority list of issues
- Board adopts a priority list, which directs basin planning efforts over the next three years

AMENDMENTS SINCE LAST REVIEW

Adopted and in effect:

- MUN beneficial use de-designated in twelve constructed and/or modified water bodies in the Sacramento River Basin (2015)
- MUN and AGR de-designated from groundwater within the former Tulare Lake Bed (2017)
- Reformat of the Basin Plans (2017)

AMENDMENTS SINCE LAST REVIEW

Awaiting State Water Board and/or USEPA approval:

- Control program for pyrethroid pesticides (2017)
- Electrical Conductivity water quality objectives in the San Joaquin River (2017)
- Region-wide MUN evaluation process for Agriculturally-dominated surface water bodies (2017)
- CV-SALTS amendments to establish a Central Valley-wide Salt and Nitrate Control Program (2018)

CORE BASIN PLANNING WORK

Statewide projects that we are supporting, including:

- Development of bacterial standards for Ocean and Inland Surface Waters
- Updates to the Bay-Delta Plan
- Recycled Water Policy Amendments

CORE BASIN PLANNING WORK

Existing Regional Board Projects supported by Basin Planning Staff:

- Delta Nutrient Research Plan
- Delta Regional Monitoring Program
- Integrated Report
- Development of Potential Ammonia Objectives
- Dissolved Oxygen in the Old and Middle Rivers
- Implementation of the Pesticide Control Programs

EXISTING BASIN PLAN COMMITMENTS

- Delta Methylmercury Control Program Review
- Pesticide Control Program Review/Evaluations
- American River Mercury Control Program
- Clear Lake Mercury and Nutrients Programs
- Diazinon/Chlorpyrifos Control Program Review
- Five-year reviews of Salinity Exceptions

CURRENT TRIENNIAL REVIEW PROCESS

Public Input Project Solicitation – June 2017

- Mailed to 2,600 entities
- Emailed to over 1,300 entities

Two Public Solicitation Workshops – August 2017

- Rancho Cordova Workshop (w/ videoconference link to Board's Redding office)
- Fresno Workshop

CURRENT TRIENNIAL REVIEW PROCESS

Comments from solicitation (including workshops):

- 21 comment letters
- 3 comments referred by the Salt and Nitrate Control Program process
- 6 comments referred from Integrated Report process
- Comments made at workshops
- Total 95 individual comments relating to 19 water quality issues, 27 individual projects

COMMENTS RECEIVED

- Dennis Fox
- Federated Indians of Graton Rancheria
- Sacramento Regional County Sanitation District
- North Eastern California Water Association
- Pacific Coast Federation of Fishermen's Association & Institute for Fisheries
- Save California's Salmon
- California Sportfishing Protection Alliance
- Central Valley Clean Water Association
- Kaweah Basin Water Quality Association
- Kern River Watershed Coalition Authority
- Modesto Irrigation District
- San Joaquin Tributaries Authority
- Turlock Irrigation District
- US EPA Region 9
- Tuolumne Me-Wuk Tribal Council
- US Department of Commerce
- National Oceanic and Atmospheric Administration

COMMENTS RECEIVED

- National Marine Fisheries Service
- Big Valley Band of Pomo Indians
- Elem Indian Colony
- Robinson Rancheria Environmental Center
- California Independent Petroleum Association
- Pit River Tribe
- Seneca Resources Corporation
- Fresnans Against Fracking
- Sacramento River Source Water Protection Agency
- Valley Water Management Company
- Shasta County Board of Supervisors
- US Forest Service
- Central Sierra Environmental Resource Center
- Fresno Metropolitan Flood Control District

WATER QUALITY ISSUES

1. Salt and Nitrate Management
2. Beneficial Use designations (generally)
3. Beneficial Use designations in agricultural water bodies
4. Guidance for issuance of NPDES permits in effluent-dominated water bodies
5. Engagement with State Water Board plans and policies
6. Changes to how Secondary Maximum Contaminant Levels (MCLs) are referenced in the Basin Plans

WATER QUALITY ISSUES

7. New actions to protect fisheries and aquatic life
8. Evaluation of how US EPA recommended criteria are implemented in the Central Valley
9. Changes to how the Board prospectively incorporates DDW drinking water standards into Basin Plans
10. General updates to the Basin Plans
11. New regulatory language to address diurnal variations
12. Request for defining “naturally-occurring background conditions”

WATER QUALITY ISSUES

- 13. Conducting the 2021 Triennial Review
- 14. Implementation of the Delta Strategic Work Plan
- 15. Pesticide Control Efforts
- 16. Mercury Load Reduction Program
- 17. Battle Creek Projects
- 18. Pit River Beneficial Use Assessment
- 19. Clear Lake Nutrients

27 PROPOSED PROJECTS

- Address broad issues affecting water quality in the Central Valley Region
- List includes some existing projects, some new projects
- Projects would be in addition to our core Basin Planning work

27 PROPOSED PROJECTS

Project Number	Issue Number	Project Name	Existing Project	New Project
1	1	Support for basin planning and implementation activities related to the proposed Salt and Nitrate Control Program	X	
2	2	Tribal Beneficial Uses		X
3	2	Guidance for seasonal beneficial uses and diurnal variations		X
4	2	MUN in Oil Production Zones		X
5	2	Basin Plan Amendment Work Plans under Irrigated Lands General Waste Discharge Requirements		X
6	2	Individual Beneficial Use Evaluation for West Squaw Creek		X
7	2	Individual Beneficial Use Evaluation for Grassland water supply channels		X
8	2	Individual Beneficial Use evaluation for Groundwater beneath Sulphur Bank Mine in Lake County		X
9	3	Appropriate Beneficial Use Designation in Agriculturally-dominated Water Bodies and Agricultural Conveyance Facilities	X	X
10	4	Evaluation of Effluent-dominated and Individual Water Bodies Dominated by NPDES Discharges		X
11	7	Temperature Criteria and Objectives	X	X
12	7	Dissolved Oxygen Objectives	X	X
13	8	Ammonia Water Quality Objectives	X	

27 PROPOSED PROJECTS

Project Number	Issue Number	Project Name	Existing Project	New Project
14	8	Review of proposed United States Environmental Protection Agency (USEPA) Water Quality Criteria and 304(a) Criteria		X
15	9	Re-evaluation of the prospective-incorporation-by-reference of the Maximum Contaminant Levels		X
16	14	Delta Nutrient Research Plan	X	
17	14	Fungicides and Herbicides	X	
18	15	Comprehensive Pesticides Control Program	X	
19	15	Pyrethroid Research Plan	X	
20	15	Sacramento and San Joaquin Rivers Organochlorine Pesticides Re-evaluation	X	
21	16	Statewide Mercury Control Program for Reservoirs	X	
22	16	Central Valley Rivers Mercury Control Program		X
23	16	Delta Methylmercury Control Program	X	
24	17	Watershed-based Plan Implementation and Update for Battle Creek	X	
25	18	Reassessment of Beneficial Uses and Water Quality Objectives in Specific Reaches of the Pit River		X
26	19	Implementation of Clear Lake Nutrient Control Program	X	X
27	12	Development of Procedures to Define and Determine Naturally-occurring Background Conditions		X

PROJECT PRIORITIZATION

Existing Commitments: First, we would set aside those projects where the Board has already made an enforceable regulatory commitment

Special Status projects: Second, we set aside those projects that the Board has previously identified as high priority

Prioritization of Other Projects: Finally, other projects will be prioritized based on input received today.

- Prioritization factors will be applied to these projects
- Projects will be placed into ranking groups

PROPOSED PRIORITIZATION FACTORS

- Addresses impediments to Water Recycling/Efficient Use/Integrated Water Management
- Addresses Tribal Interests/Human Right to Water
- Represents an efficient use of Board resources
- Complements prior work
- Addresses Special Stakeholder Needs

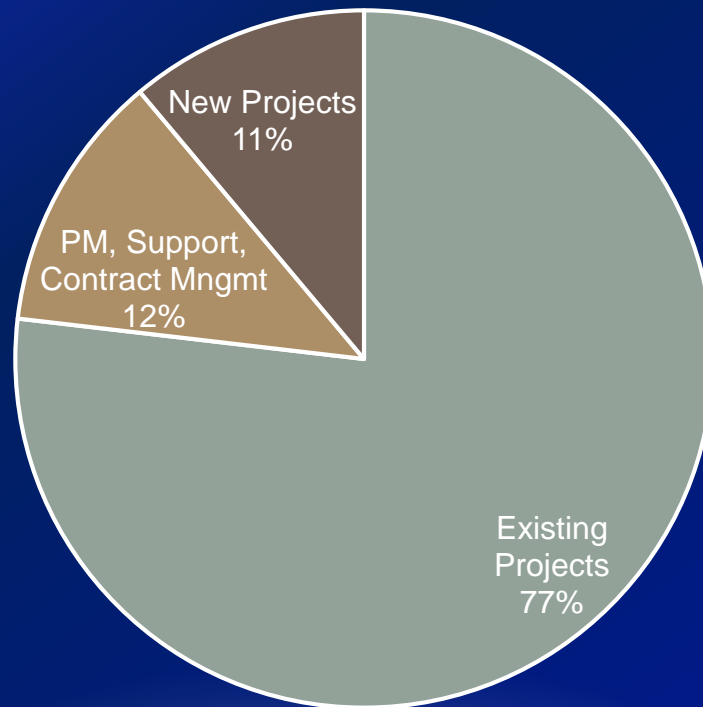
PRIORITIZATION TIERS

Rank 1	Existing Regulatory Commitments
Rank 2	Projects that the Board may elect to prioritize above other projects in its discretion
Rank 3	Projects that meet many prioritization factors
Rank 4	Medium-priority projects to be addressed as resources allow
Rank 5	Projects that might not be addressed during the next three years due to resource constraints

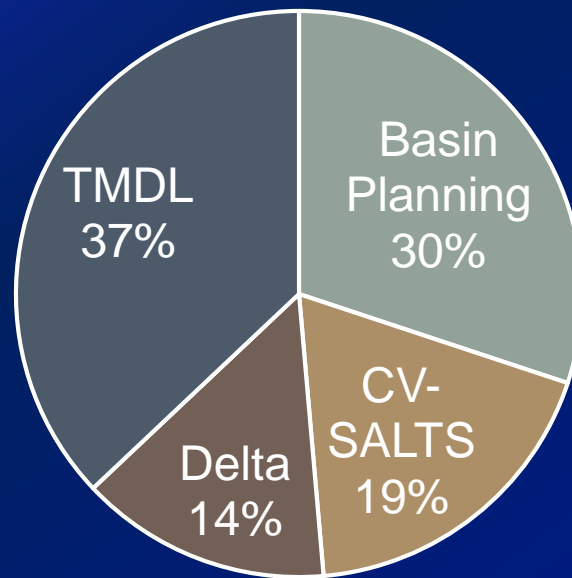
RESOURCES

- Approximately 21 person years (PYs) are assigned to Planning for 2018/2019
- Approximately 89% is allocated to existing commitments
 - Existing projects
 - Core support functions of project management, outreach, coordination, and contract management
- Approximately 11% could be directed to new projects

MOST RESOURCES ARE INVESTED IN EXISTING PROJECTS AND PROGRAM SUPPORT



RESOURCE ALLOCATION BY PROGRAM



■ Basin
Planning

■ CV-SALTS

■ Delta

■ TMDL

NEXT STEPS

- Today's workshop: Board Input/Public comment on prioritization process
- Develop and circulate workplan
- Hearing in December for adoption of the workplan

QUESTIONS ?

